

# SCORE Search Results Details for Application 10516759 and Search Result 20081112\_112528\_us-10-516-759-14\_copy\_24\_81.ra.

<a href="#">Score Home</a>	<a href="#">Retrieve Application</a>	<a href="#">SCORE System</a>	<a href="#">SCORE</a>	<a href="#">Comments /</a>
<a href="#">Page</a>	<a href="#">List</a>	<a href="#">Overview</a>	<a href="#">FAQ</a>	<a href="#">Suggestions</a>

This page gives you Search Results detail for the Application 10516759 and Search Result 20081112\_112528\_us-10-516-759-14\_copy\_24\_81.ra.

[Go Back to previous page](#)

GenCore version 6.3

Copyright (c) 1993 - 2008 Bioceleration Ltd.

OM protein - protein search, using sw model

Run on: November 12, 2008, 12:15:18 ; Search time 113 Seconds  
(without alignments)  
104.926 Million cell updates/sec

Title: US-10-516-759-14\_COPY\_24\_81  
Perfect score: 350  
Sequence: 1 DIKHNRPRDCVAEGKVCDP.....RNYSRGGVCVTHCNFLNGEP 58

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 1246758 seqs, 204424702 residues

Total number of hits satisfying chosen parameters: 1246758

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued\_Patents\_AA:\*  
1: /ABSS/Data/CRF/ptodata/2/iaa/5\_COMB.pep:\*  
2: /ABSS/Data/CRF/ptodata/2/iaa/6\_COMB.pep:\*  
3: /ABSS/Data/CRF/ptodata/2/iaa/7\_COMB.pep:\*  
4: /ABSS/Data/CRF/ptodata/2/iaa/H\_COMB.pep:\*  
5: /ABSS/Data/CRF/ptodata/2/iaa/PCTUS\_COMB.pep:\*  
6: /ABSS/Data/CRF/ptodata/2/iaa/RE\_COMB.pep:\*  
7: /ABSS/Data/CRF/ptodata/2/iaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Query		DB	ID	Description
		Match	Length			
1	350	100.0	1342	1	US-07-978-895-4	Sequence 4, Appli
2	350	100.0	1342	1	US-08-484-438-9	Sequence 9, Appli
3	350	100.0	1342	1	US-08-473-119-4	Sequence 4, Appli
4	350	100.0	1342	1	US-08-475-352-4	Sequence 4, Appli
5	350	100.0	1342	2	US-09-170-699-4	Sequence 4, Appli
6	350	100.0	1342	3	US-10-207-498-2	Sequence 2, Appli
7	350	100.0	1342	3	US-11-406-679-2	Sequence 2, Appli
8	350	100.0	1343	7	5183884-4	Patent No. 5183884
9	350	100.0	1360	2	US-09-949-016-8022	Sequence 8022, Ap
10	338	96.6	562	3	US-10-159-353B-2	Sequence 2, Appli
11	212	60.6	615	3	US-10-362-380-4	Sequence 4, Appli
12	212	60.6	911	1	US-08-484-438-10	Sequence 10, Appl
13	212	60.6	1058	1	US-08-484-438-4	Sequence 4, Appli
14	212	60.6	1308	1	US-08-484-438-2	Sequence 2, Appli
15	212	60.6	1308	3	US-10-394-322A-18	Sequence 18, Appl
16	212	60.6	1308	3	US-10-362-380-2	Sequence 2, Appli
17	185	52.9	1210	2	US-09-715-249-2	Sequence 2, Appli
18	185	52.9	1210	3	US-10-394-322A-16	Sequence 16, Appl
19	185	52.9	1210	3	US-11-294-621-512	Sequence 512, App
20	180	51.4	1210	2	US-09-723-307-67	Sequence 67, Appl
21	179	51.1	644	1	US-08-336-708A-9	Sequence 9, Appli
22	179	51.1	1210	1	US-08-484-438-7	Sequence 7, Appli
23	179	51.1	1210	1	US-08-475-035-4	Sequence 4, Appli
24	175	50.0	1255	3	US-10-541-270A-41	Sequence 41, Appl
25	174	49.7	624	2	US-08-422-108-1	Sequence 1, Appli
26	174	49.7	624	2	US-08-422-734-1	Sequence 1, Appli
27	174	49.7	645	2	US-09-602-812A-13	Sequence 13, Appl
28	174	49.7	645	2	US-09-921-161-1	Sequence 1, Appli
29	174	49.7	645	3	US-09-602-800A-13	Sequence 13, Appl
30	174	49.7	645	3	US-11-213-557-1	Sequence 1, Appli
31	174	49.7	653	3	US-09-493-480-3	Sequence 3, Appli
32	174	49.7	653	3	US-09-632-507A-3	Sequence 3, Appli
33	174	49.7	653	3	US-09-854-356-3	Sequence 3, Appli
34	174	49.7	712	3	US-09-493-480-7	Sequence 7, Appli
35	174	49.7	712	3	US-09-632-507A-7	Sequence 7, Appli
36	174	49.7	712	3	US-09-854-356-7	Sequence 7, Appli
37	174	49.7	782	1	US-09-146-283-4	Sequence 4, Appli
38	174	49.7	782	2	US-08-579-823A-4	Sequence 4, Appli
39	174	49.7	782	2	US-09-344-195-4	Sequence 4, Appli
40	174	49.7	919	3	US-09-493-480-6	Sequence 6, Appli
41	174	49.7	919	3	US-09-632-507A-6	Sequence 6, Appli
42	174	49.7	919	3	US-09-854-356-6	Sequence 6, Appli
43	174	49.7	1253	3	US-10-146-473-72	Sequence 72, Appl
44	174	49.7	1255	1	US-08-625-101-2	Sequence 2, Appli
45	174	49.7	1255	1	US-08-356-786-2	Sequence 2, Appli

## ALIGNMENTS



## RESULT 2

US-08-484-438-9

; Sequence 9, Application US/08484438

; Patent No. 5811098

; Patent No. 5811098 5780031

## ; GENERAL INFORMATION:

; APPLICANT: Plowman, Gregory D.

; APPLICANT: Culouscou, Jean-Michel

; APPLICANT: Shoyab, Mohammed

; APPLICANT: Siegall, Clay B.

; APPLICANT: Hellstr m, Ingegerd

; APPLICANT: Hellstr m, Karl E.

; TITLE OF INVENTION: HER4 HUMAN RECEPTOR TYROSINE KINASE

; NUMBER OF SEQUENCES: 42

## ; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Pennie &amp; Edmonds

; STREET: 1155 Avenue of the Americas

; CITY: New York

; STATE: New York

; COUNTRY: U.S.A.

; ZIP: 10036-2711

## ; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

## ; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/484,438

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 530

## ; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/323,442

; FILING DATE: 14-OCT-1994

; APPLICATION NUMBER: US 08/150,704

; FILING DATE: 10-NOV-1993

; CLASSIFICATION: 530

## ; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/981,165

; FILING DATE: 24-NOV-1992

; CLASSIFICATION: 530

## ; ATTORNEY/AGENT INFORMATION:

; NAME: Misrock, S. Leslie

; REGISTRATION NUMBER: 18,872

; REFERENCE/DOCKET NUMBER: 5624-230

## ; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (212) 790-9090

; TELEFAX: (212) 869-8864/9741

; TELEX: 66141 PENNIE

## ; INFORMATION FOR SEQ ID NO: 9:

## ; SEQUENCE CHARACTERISTICS:

; LENGTH: 1342 amino acids

; TYPE: amino acid

; STRANDEDNESS: unknown

; TOPOLOGY: unknown

; MOLECULE TYPE: protein  
US-08-484-438-9

Query Match 100.0%; Score 350; DB 1; Length 1342;  
Best Local Similarity 100.0%; Pred. No. 2.3e-26;  
Matches 58; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DIKHNRPRRDCAEGKVCDDLCSGGCWGPQGLSCRNYSRGGVCVTHCNFLNGEP 58  
|||||  
Db 483 DIKHNRPRRDCAEGKVCDDLCSGGCWGPQGLSCRNYSRGGVCVTHCNFLNGEP 540

# RESULT 3

US-08-473-119-4

; Sequence 4, Application US/08473119

; Patent No. 5820859

; GENERAL INFORMATION:

; APPLICANT: Kraus, Matthias H.

; APPLICANT: Aaronson, Stuart A.

; TITLE OF INVENTION: AN ISOLATED POLYPEPTIDE RELATED TO THE

; TITLE OF INVENTION: EPIDERMAL GROWTH FACTOR RECEPTOR, ANTIGEN THERETO, AND

; TITLE OF INVENTION: BIOASSAYS AND METHODS RELATED THERETO

; NUMBER OF SEQUENCES: 12

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Suite 400

; STREET: 133 Carnegie Way, N.W.

; CITY: Atlanta

; STATE: Georgia

; COUNTRY: U.S.A.

; ZIP: 30303

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/473,119

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 424

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/978,895

; FILING DATE: 10-NOV-1992

; APPLICATION NUMBER: US 07/444,406

; FILING DATE: 01-DEC-1989

; ATTORNEY/AGENT INFORMATION:

; NAME: Perryman, David G.

; REGISTRATION NUMBER: 33,438

; REFERENCE/DOCKET NUMBER: 1414-028

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (404) 688-0770

; TELEFAX: (404) 688-9880

; INFORMATION FOR SEQ ID NO: 4:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 1342 amino acids

;       TYPE:   amino acid  
;       TOPOLOGY:   linear  
;       MOLECULE TYPE:   protein  
US-08-473-119-4

Query Match                   100.0%;   Score 350;   DB 1;   Length 1342;  
Best Local Similarity       100.0%;   Pred. No. 2.3e-26;  
Matches   58;   Conservative       0;   Mismatches       0;   Indels       0;   Gaps       0;

Qy                   1 DIKHNRRPRDCVAEGKVCDDLCSGGCWGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
                      |||||  
Db                   483 DIKHNRRPRDCVAEGKVCDDLCSGGCWGPGQCLSCRNYSRGGVCVTHCNFLNGEP 540

## RESULT 4

US-08-475-352-4

; Sequence 4, Application US/08475352

; Patent No. 5916755

; GENERAL INFORMATION:

;   APPLICANT:   Kraus, Matthias H.

;   APPLICANT:   Aaronson, Stuart A.

;   TITLE OF INVENTION:   AN ISOLATED POLYPEPTIDE RELATED TO THE

;   TITLE OF INVENTION:   EPIDERMAL GROWTH FACTOR RECEPTOR, ANTIGEN THERETO, AND

;   TITLE OF INVENTION:   BIOASSAYS AND METHODS RELATED THERETO

;   NUMBER OF SEQUENCES:   12

;   CORRESPONDENCE ADDRESS:

;       ADDRESSEE:   Suite 400

;       STREET:   133 Carnegie Way, N.W.

;       CITY:   Atlanta

;       STATE:   Georgia

;       COUNTRY:   U.S.A.

;       ZIP:   30303

;   COMPUTER READABLE FORM:

;       MEDIUM TYPE:   Floppy disk

;       COMPUTER:   IBM PC compatible

;       OPERATING SYSTEM:   PC-DOS/MS-DOS

;       SOFTWARE:   PatentIn Release #1.0, Version #1.25

;   CURRENT APPLICATION DATA:

;       APPLICATION NUMBER:   US/08/475,352

;       FILING DATE:

;       CLASSIFICATION:

;   PRIOR APPLICATION DATA:

;       APPLICATION NUMBER:   07/978,895

;       FILING DATE:

;       APPLICATION NUMBER:   US 07/444,406

;       FILING DATE:   01-DEC-1989

;   ATTORNEY/AGENT INFORMATION:

;       NAME:   Perryman, David G.

;       REGISTRATION NUMBER:   33,438

;       REFERENCE/DOCKET NUMBER:   1414-028

;   TELECOMMUNICATION INFORMATION:

;       TELEPHONE:   (404) 688-0770

;       TELEFAX:   (404) 688-9880

;   INFORMATION FOR SEQ ID NO:   4:

```

; SEQUENCE CHARACTERISTICS:
; LENGTH: 1342 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-475-352-4

```

```

Query Match      100.0%; Score 350; DB 1; Length 1342;
Best Local Similarity 100.0%; Pred. No. 2.3e-26;
Matches 58; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy      1 DIKHNRRPRDCVAEGKVCDPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      483 DIKHNRRPRDCVAEGKVCDPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 540

```

## RESULT 5

US-09-170-699-4

```

; Sequence 4, Application US/09170699
; Patent No. 6639060

```

## ; GENERAL INFORMATION:

```

; APPLICANT: Kraus, Matthias H.
; APPLICANT: Aaronson, Stuart A.
; TITLE OF INVENTION: AN ISOLATED POLYPEPTIDE RELATED TO THE
; TITLE OF INVENTION: EPIDERMAL GROWTH FACTOR RECEPTOR, ANTIGEN THERETO, AND
; TITLE OF INVENTION: BIOASSAYS AND METHODS RELATED THERETO
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Suite 400
; STREET: 133 Carnegie Way, N.W.
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: U.S.A.
; ZIP: 30303

```

## ; COMPUTER READABLE FORM:

```

; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25

```

## ; CURRENT APPLICATION DATA:

```

; APPLICATION NUMBER: US/09/170,699
; FILING DATE:
; CLASSIFICATION:

```

## ; PRIOR APPLICATION DATA:

```

; APPLICATION NUMBER: 07/978,895
; FILING DATE:

```

## ; ATTORNEY/AGENT INFORMATION:

```

; NAME: Perryman, David G.
; REGISTRATION NUMBER: 33,438
; REFERENCE/DOCKET NUMBER: 1414-028

```

## ; TELECOMMUNICATION INFORMATION:

```

; TELEPHONE: (404) 688-0770
; TELEFAX: (404) 688-9880

```

; INFORMATION FOR SEQ ID NO: 4:

```
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1342 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-170-699-4
```

```
Query Match          100.0%; Score 350; DB 2; Length 1342;
Best Local Similarity 100.0%; Pred. No. 2.3e-26;
Matches 58; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      1 DIKHNRRPRDCVAEGKVCDPLCSSGGCWGPQCLSCRNYSRGGVCVTHCNFLNGEP 58
        |||
Db      483 DIKHNRRPRDCVAEGKVCDPLCSSGGCWGPQCLSCRNYSRGGVCVTHCNFLNGEP 540
```

## RESULT 6

US-10-207-498-2

```
; Sequence 2, Application US/10207498
; Patent No. 7125680
; GENERAL INFORMATION:
; APPLICANT: Elizabeth Singer
; APPLICANT: Ralf Landgraf
; APPLICANT: Dennis J. Slamon
; APPLICANT: David Eisenberg
; TITLE OF INVENTION: METHODS AND MATERIALS FOR CHARACTERIZING
; TITLE OF INVENTION: AND MODULATING INTERACTIONS BETWEEN HERGULIN AND HER3
; FILE REFERENCE: 30448.103-US-U1
; CURRENT APPLICATION NUMBER: US/10/207,498
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: 60/308,431
; PRIOR FILING DATE: 2001-07-27
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 1342
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-207-498-2
```

```
Query Match          100.0%; Score 350; DB 3; Length 1342;
Best Local Similarity 100.0%; Pred. No. 2.3e-26;
Matches 58; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      1 DIKHNRRPRDCVAEGKVCDPLCSSGGCWGPQCLSCRNYSRGGVCVTHCNFLNGEP 58
        |||
Db      483 DIKHNRRPRDCVAEGKVCDPLCSSGGCWGPQCLSCRNYSRGGVCVTHCNFLNGEP 540
```

## RESULT 7

US-11-406-679-2

```
; Sequence 2, Application US/11406679
; Patent No. 7314916
; GENERAL INFORMATION:
```



```

; APPLICANT: Elizabeth Singer
; APPLICANT: Ralf Landgraf
; APPLICANT: Dennis J. Slamon
; APPLICANT: David Eisenberg
; TITLE OF INVENTION: METHODS AND MATERIALS FOR CHARACTERIZING
; TITLE OF INVENTION: AND MODULATING INTERACTIONS BETWEEN HEREGULIN AND HER3
; FILE REFERENCE: 30448.103-US-U1
; CURRENT APPLICATION NUMBER: US/11/406,679
; CURRENT FILING DATE: 2006-04-19
; PRIOR APPLICATION NUMBER: US/10/207,498
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: 60/308,431
; PRIOR FILING DATE: 2001-07-27
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 1342
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-406-679-2

```

```

Query Match          100.0%; Score 350; DB 3; Length 1342;
Best Local Similarity 100.0%; Pred. No. 2.3e-26;
Matches 58; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy      1 DIKHNRRPRDCVAEGKVCDDLCSGGCGWGPQGQCLSCRNYSRGGVCVTHCNFLNGEP 58
      |||
Db      483 DIKHNRRPRDCVAEGKVCDDLCSGGCGWGPQGQCLSCRNYSRGGVCVTHCNFLNGEP 540

```

RESULT 8  
5183884-4

```

;Patent No. 5183884
; APPLICANT: KRAUS, MATTHIAS H.;AARONSON, STUART A.
; TITLE OF INVENTION: DNA SEGMENT ENCODING A GENE FOR A
;RECEPTOR RELATED TO THE EPIDERMAL GROWTH FACTOR RECEPTOR
; NUMBER OF SEQUENCES: 5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/444,406
; FILING DATE: 01-DEC-1989
;SEQ ID NO:4:
; LENGTH: 1343
5183884-4

```

```

Query Match          100.0%; Score 350; DB 7; Length 1343;
Best Local Similarity 100.0%; Pred. No. 2.3e-26;
Matches 58; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy      1 DIKHNRRPRDCVAEGKVCDDLCSGGCGWGPQGQCLSCRNYSRGGVCVTHCNFLNGEP 58
      |||
Db      484 DIKHNRRPRDCVAEGKVCDDLCSGGCGWGPQGQCLSCRNYSRGGVCVTHCNFLNGEP 541

```

RESULT 9





```

; APPLICANT: Shoyab, Mohammed
; APPLICANT: Siegall, Clay B.
; APPLICANT: Hellstr m, Ingegerd
; APPLICANT: Hellstr m, Karl E.
; TITLE OF INVENTION: HER4 HUMAN RECEPTOR TYROSINE KINASE
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/484,438
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/323,442
; FILING DATE: 14-OCT-1994
; APPLICATION NUMBER: US 08/150,704
; FILING DATE: 10-NOV-1993
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/981,165
; FILING DATE: 24-NOV-1992
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Misrock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 5624-230
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-8864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 911 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-484-438-10

```

Query Match 60.6%; Score 212; DB 1; Length 911;  
 Best Local Similarity 60.7%; Pred. No. 7.4e-13;  
 Matches 34; Conservative 7; Mismatches 15; Indels 0; Gaps 0;

Qy 2 IKHNRPRRDCVAEGKVCDDLPCSSGGCWGPGFGQCLSCRNYSRGGVCVTHCNFLNGE 57

Db 487 IRDNRKAENCTAEGMVCNHLCSSDGCWGPDPDQCLSCRRFSGRGRICIESCNLYDGE 542

## RESULT 13

US-08-484-438-4

```
; Sequence 4, Application US/08484438
; Patent No. 5811098
; Patent No. 5811098 5780031
; GENERAL INFORMATION:
; APPLICANT: Plowman, Gregory D.
; APPLICANT: Culouscou, Jean-Michel
; APPLICANT: Shoyab, Mohammed
; APPLICANT: Siegall, Clay B.
; APPLICANT: Hellstr m, Ingegerd
; APPLICANT: Hellstr m, Karl E.
; TITLE OF INVENTION: HER4 HUMAN RECEPTOR TYROSINE KINASE
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/484,438
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/323,442
; FILING DATE: 14-OCT-1994
; APPLICATION NUMBER: US 08/150,704
; FILING DATE: 10-NOV-1993
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/981,165
; FILING DATE: 24-NOV-1992
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Misrock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 5624-230
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-8864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
```

```

;      LENGTH:  1058 amino acids
;      TYPE:    amino acid
;      TOPOLOGY: linear
;      MOLECULE TYPE:  protein
US-08-484-438-4

```

```

Query Match          60.6%;  Score 212;  DB 1;  Length 1058;
Best Local Similarity 60.7%;  Pred. No. 8.5e-13;
Matches 34;  Conservative 7;  Mismatches 15;  Indels 0;  Gaps 0;

```

```

Qy      2 IKHNRPRRDCVAEGKVCDDLCSGGCWGPGGQCLSCRNYSRGGVCVTHCNFLNGE 57
      |: || :| ||| ||: |||| ||||| ||||| :||| :|: || :||
Db      487 IRDNRAENCTAEGMVCNHLCSDDGCWGPGDQCLSCRFRSRRGRICIESCNLYDGE 542

```

## RESULT 14

US-08-484-438-2

```

; Sequence 2, Application US/08484438
; Patent No. 5811098
; Patent No. 5811098 5780031
; GENERAL INFORMATION:
; APPLICANT: Plowman, Gregory D.
; APPLICANT: Culouscou, Jean-Michel
; APPLICANT: Shoyab, Mohammed
; APPLICANT: Siegall, Clay B.
; APPLICANT: Hellstr m, Ingegerd
; APPLICANT: Hellstr m, Karl E.
; TITLE OF INVENTION: HER4 HUMAN RECEPTOR TYROSINE KINASE
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/484,438
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/323,442
; FILING DATE: 14-OCT-1994
; APPLICATION NUMBER: US 08/150,704
; FILING DATE: 10-NOV-1993
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/981,165
; FILING DATE: 24-NOV-1992

```

```

; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Misrock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 5624-230
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-8864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1308 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-484-438-2

```

```

Query Match          60.6%; Score 212; DB 1; Length 1308;
Best Local Similarity 60.7%; Pred. No. 1e-12;
Matches 34; Conservative 7; Mismatches 15; Indels 0; Gaps 0;

```

```

Qy      2 IKHNRPRRDCVAEGKVCDDLPCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGE 57
      |: || :| ||| ||: ||| ||||| ||||| :||| :|| :| :||
Db      487 IRDNRKAENCTAEGMVCNHLCSSDGCWGPGPDQCLSCRRFSRGRICIESCNLYDGE 542

```

## RESULT 15

US-10-394-322A-18

```

; Sequence 18, Application US/10394322A
; Patent No. 7202033
; GENERAL INFORMATION:
; APPLICANT: SUNESIS PHARMACEUTICALS, INC.
; APPLICANT: Prescott, John C.
; TITLE OF INVENTION: IDENTIFICATION OF KINASE INHIBITORS
; FILE REFERENCE: 39750-0006 US
; CURRENT APPLICATION NUMBER: US/10/394,322A
; CURRENT FILING DATE: 2003-03-20
; PRIOR APPLICATION NUMBER: US 60/366,892
; PRIOR FILING DATE: 2002-03-21
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 1308
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-394-322A-18

```

```

Query Match          60.6%; Score 212; DB 3; Length 1308;
Best Local Similarity 60.7%; Pred. No. 1e-12;
Matches 34; Conservative 7; Mismatches 15; Indels 0; Gaps 0;

```

```

Qy      2 IKHNRPRRDCVAEGKVCDDLPCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGE 57
      |: || :| ||| ||: ||| ||||| ||||| :||| :|| :| :||
Db      487 IRDNRKAENCTAEGMVCNHLCSSDGCWGPGPDQCLSCRRFSRGRICIESCNLYDGE 542

```

Search completed: November 12, 2008, 12:17:14

Job time : 116 secs

SCORE 3.0